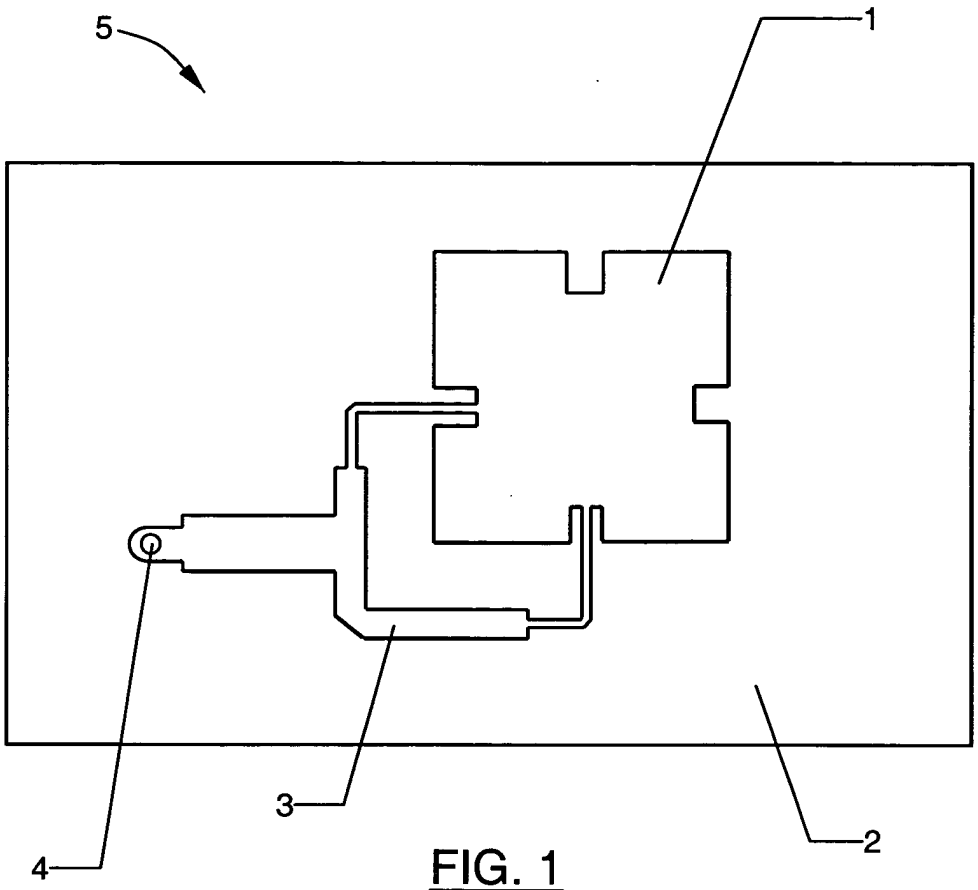

FIG. 1
(PRIOR ART)

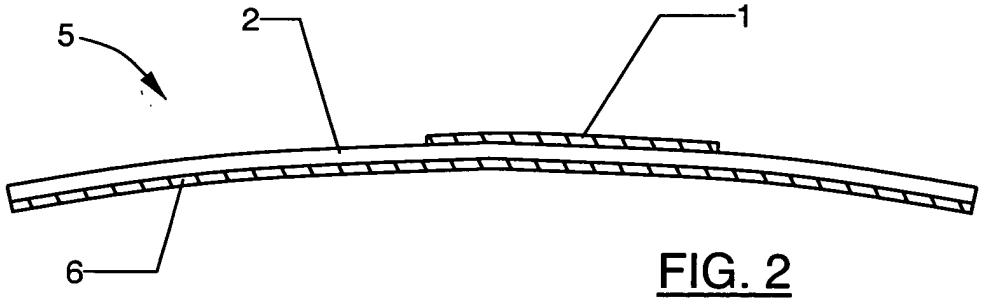

FIG. 2
(PRIOR ART)

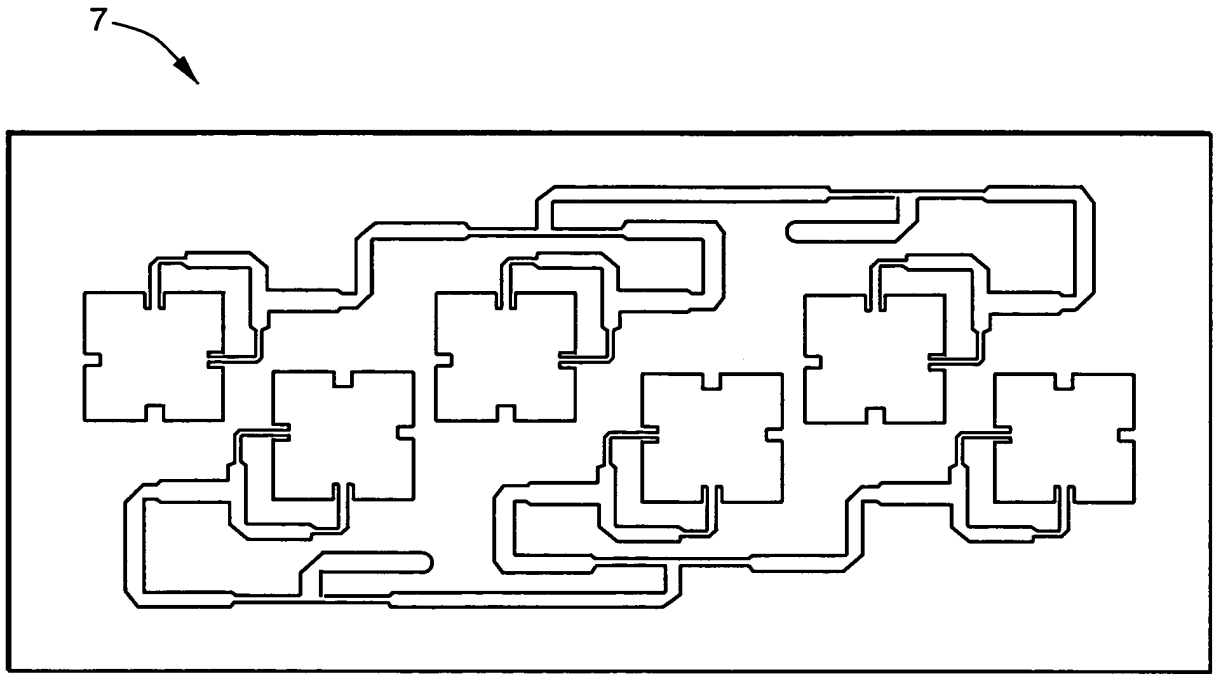

FIG. 3
(PRIOR ART)

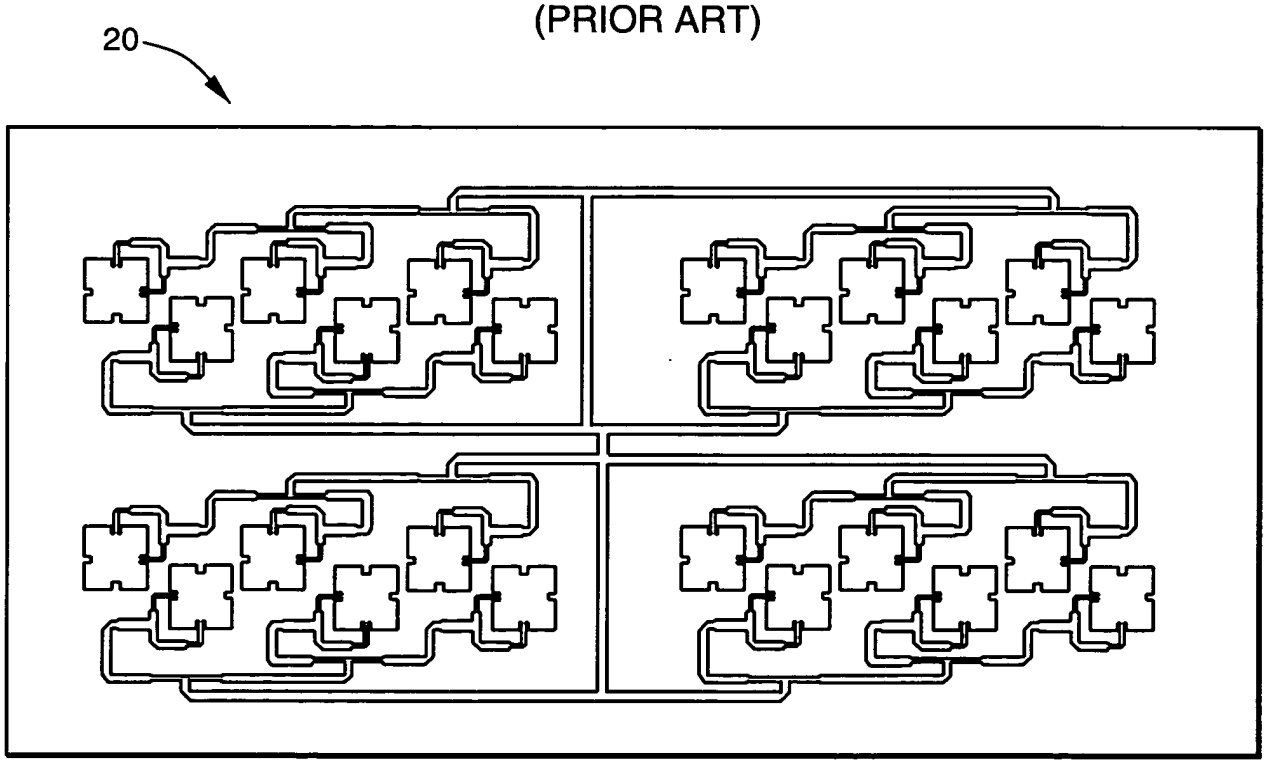

FIG. 4
(PRIOR ART)

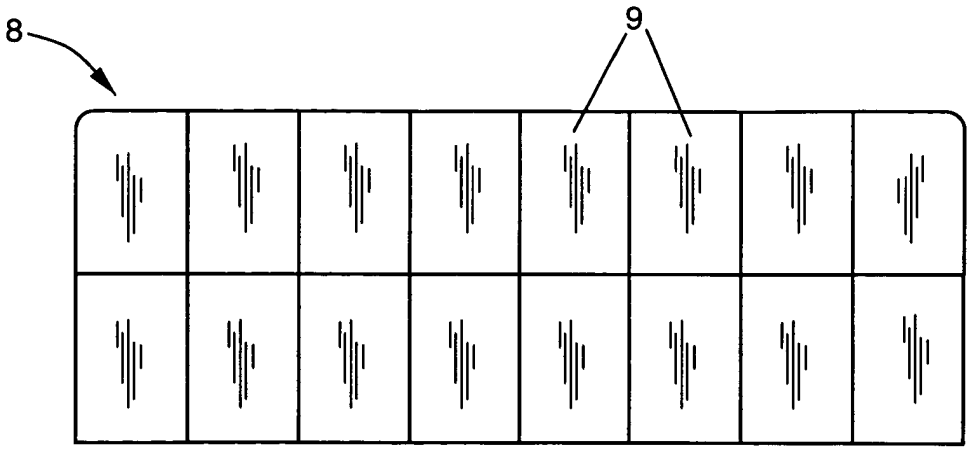

FIG. 5
(PRIOR ART)

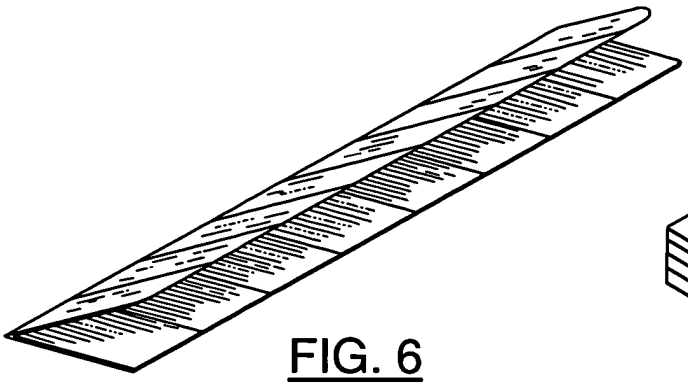

FIG. 6
(PRIOR ART)

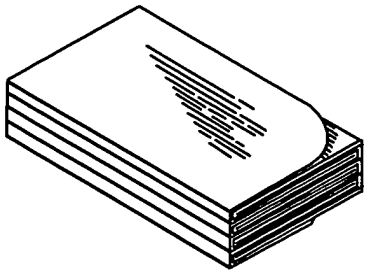

FIG. 7
(PRIOR ART)

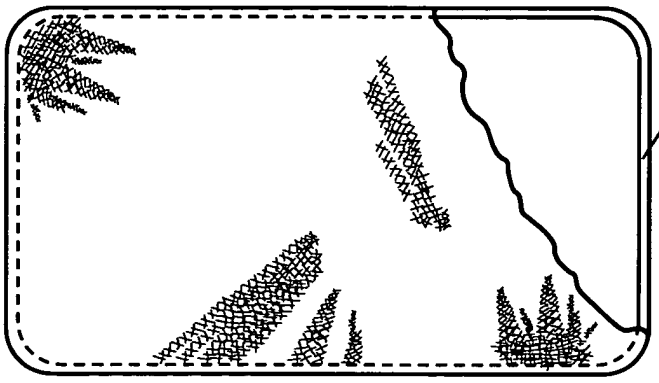

FIG. 8
(PRIOR ART)

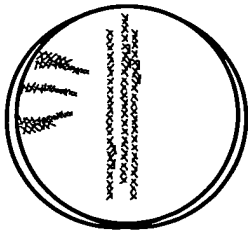

FIG. 9
(PRIOR ART)

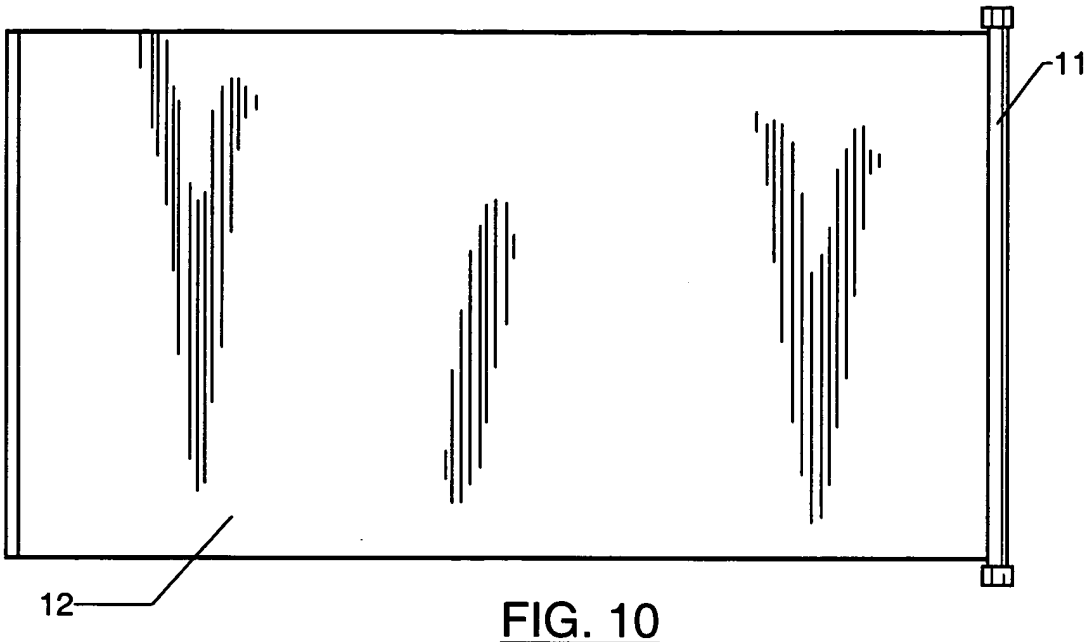

FIG. 10
(PRIOR ART)

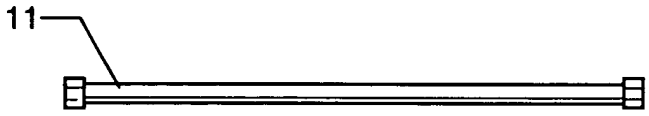

FIG. 11
(PRIOR ART)

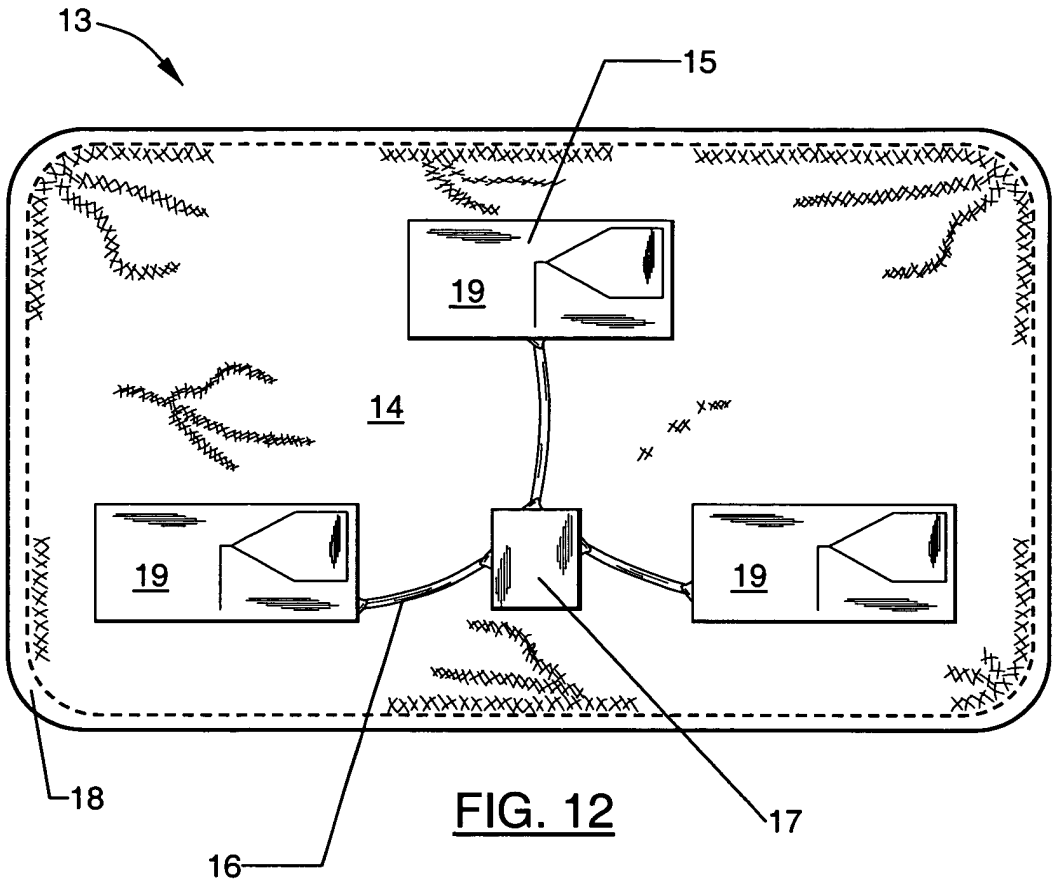
13
15
19
14
19
19
18
16
17

FIG. 12

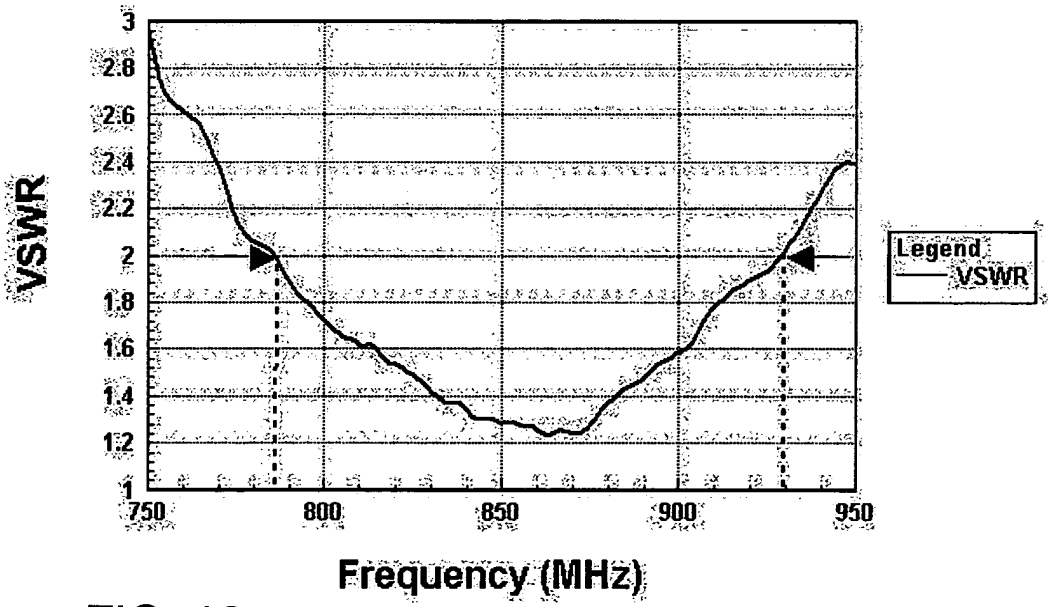
VSWR
3
2.8
2.6
2.4
2.2
2
1.8
1.6
1.4
1.2
1
750
800
850
900
950
Frequency (MHz)
Legend
VSWR

FIG. 13

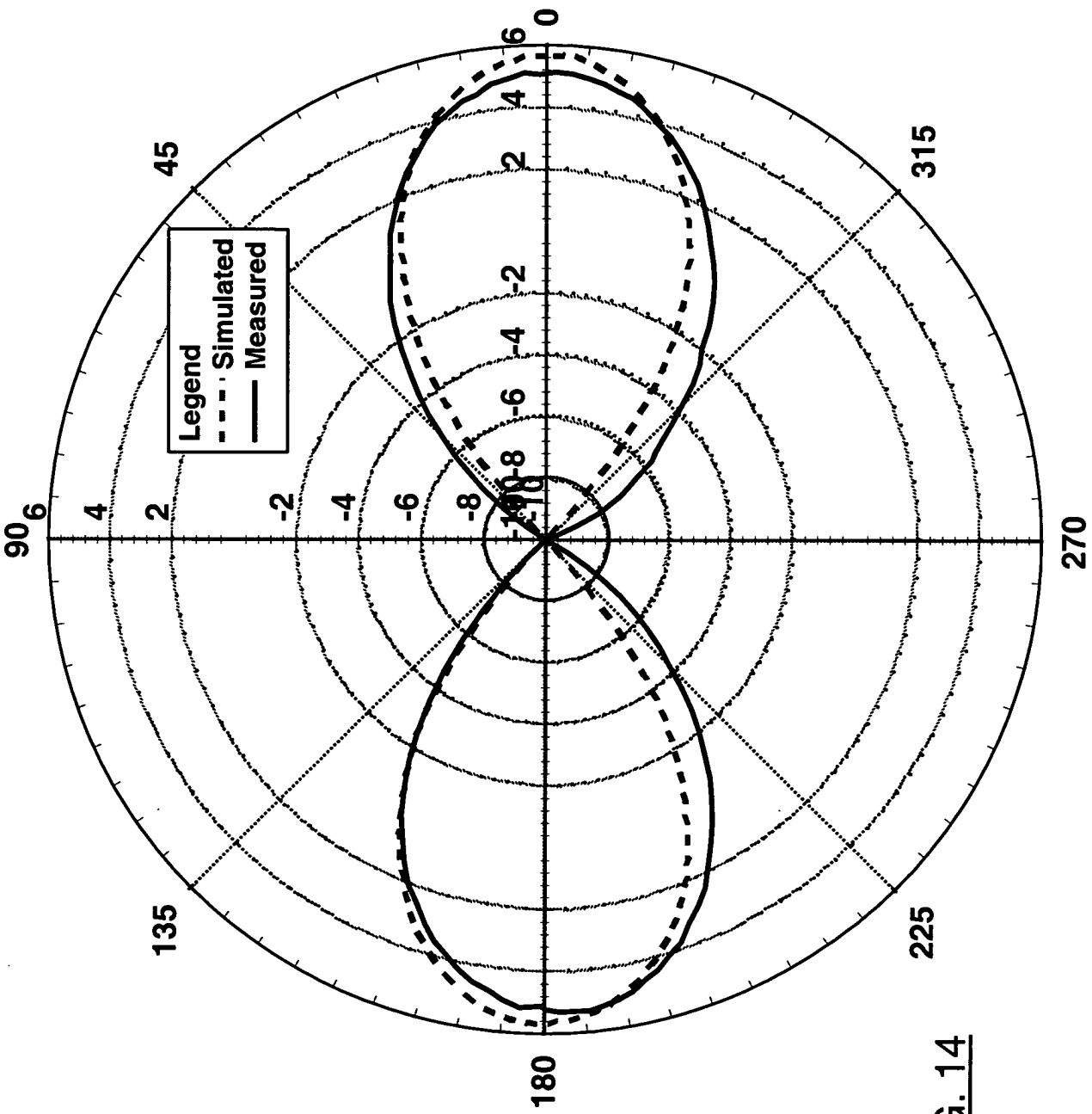
0
45
90
135
180
225
270
315
6
4
2
-2
-4
-6
-8
-10
Legend
Simulated
Measured

FIG. 14

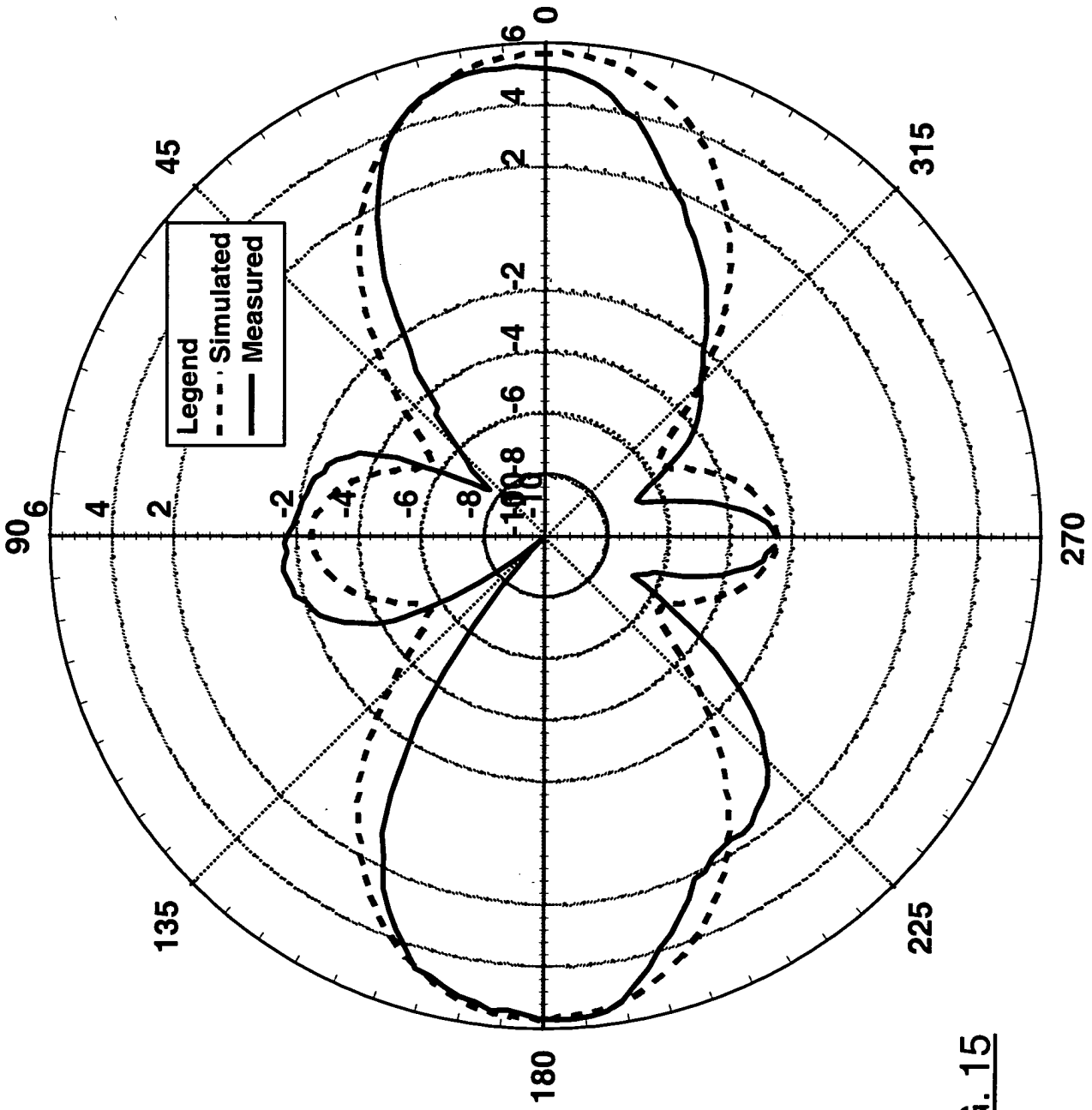
0
45
90
135
180
225
270
315
6
4
2
-2
-4
-6
-8
-10
-12
Legend
Simulated
Measured

FIG. 15

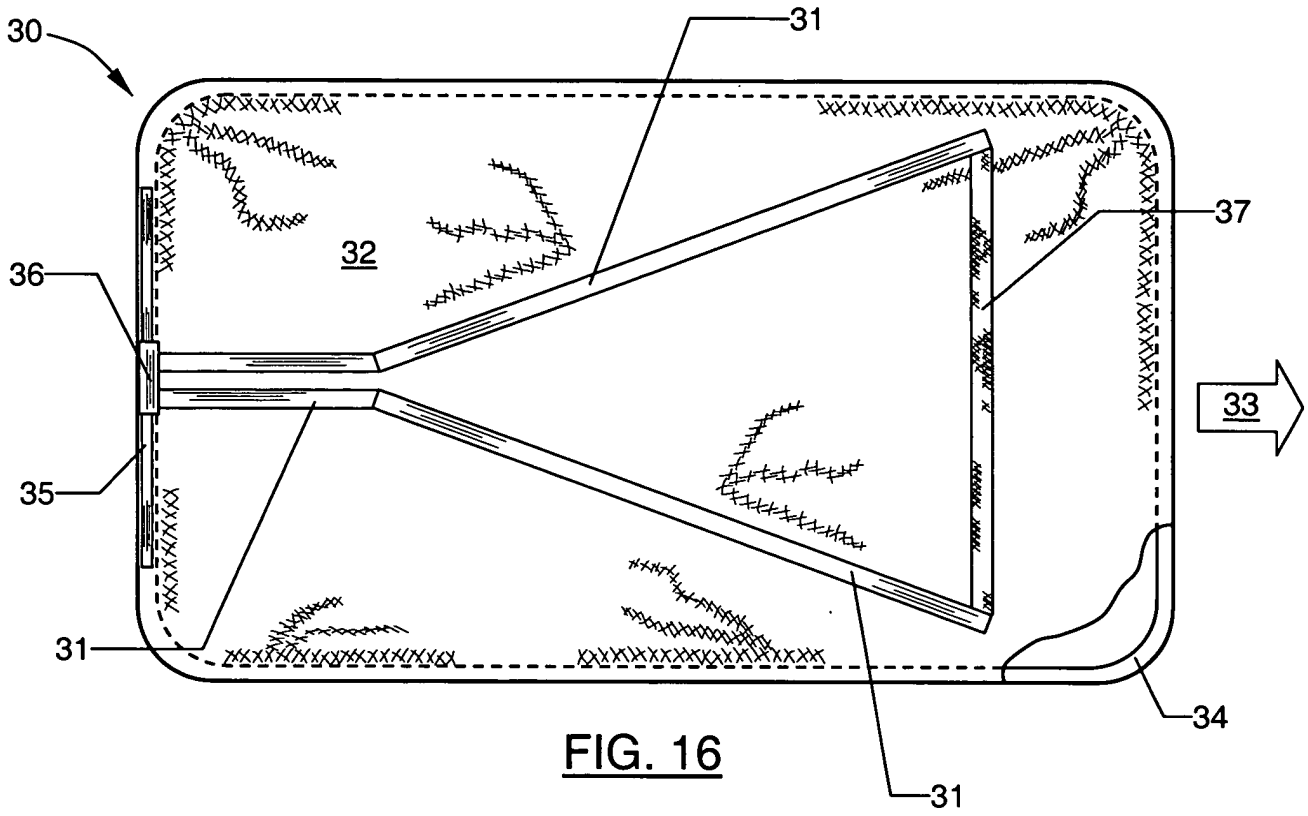

FIG. 16

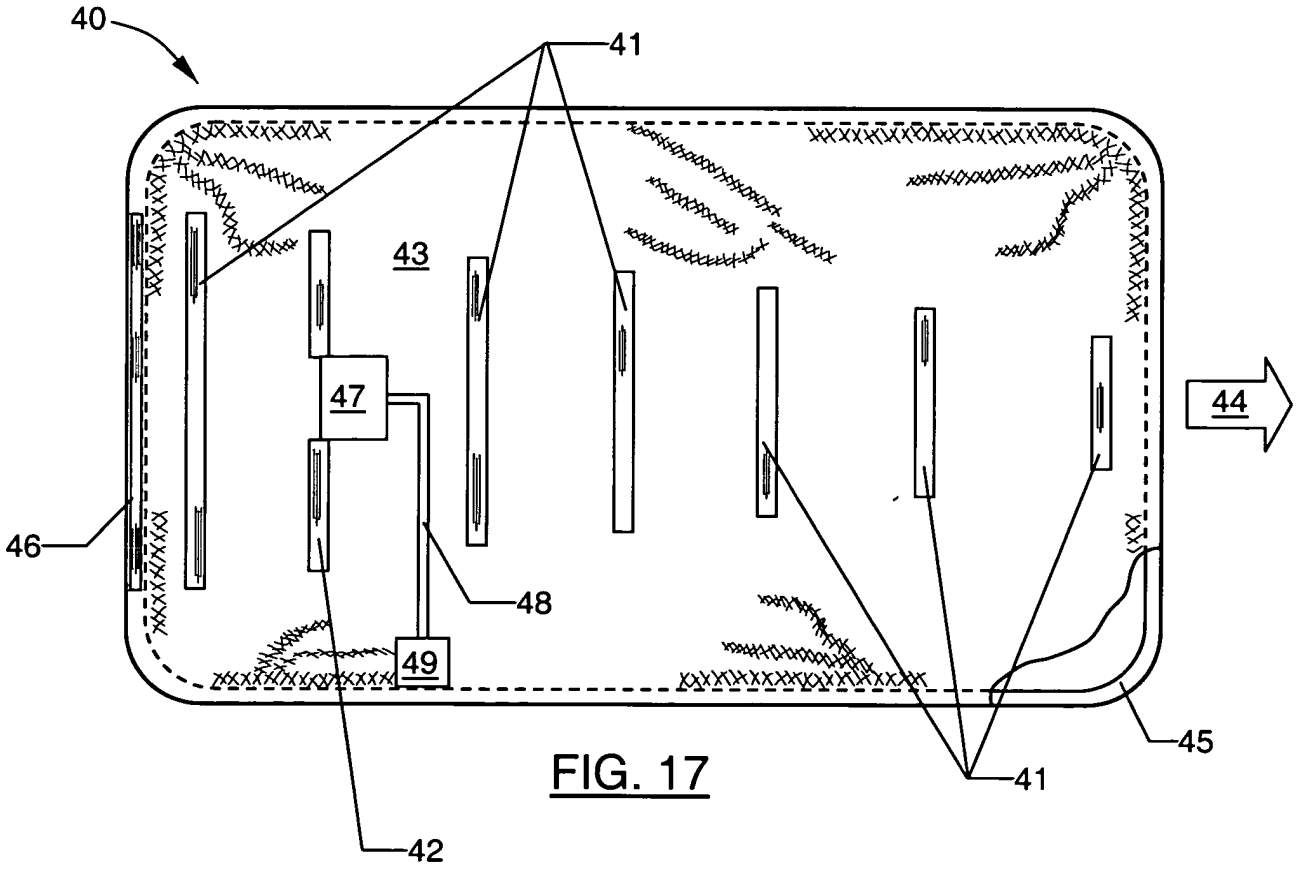

FIG. 17

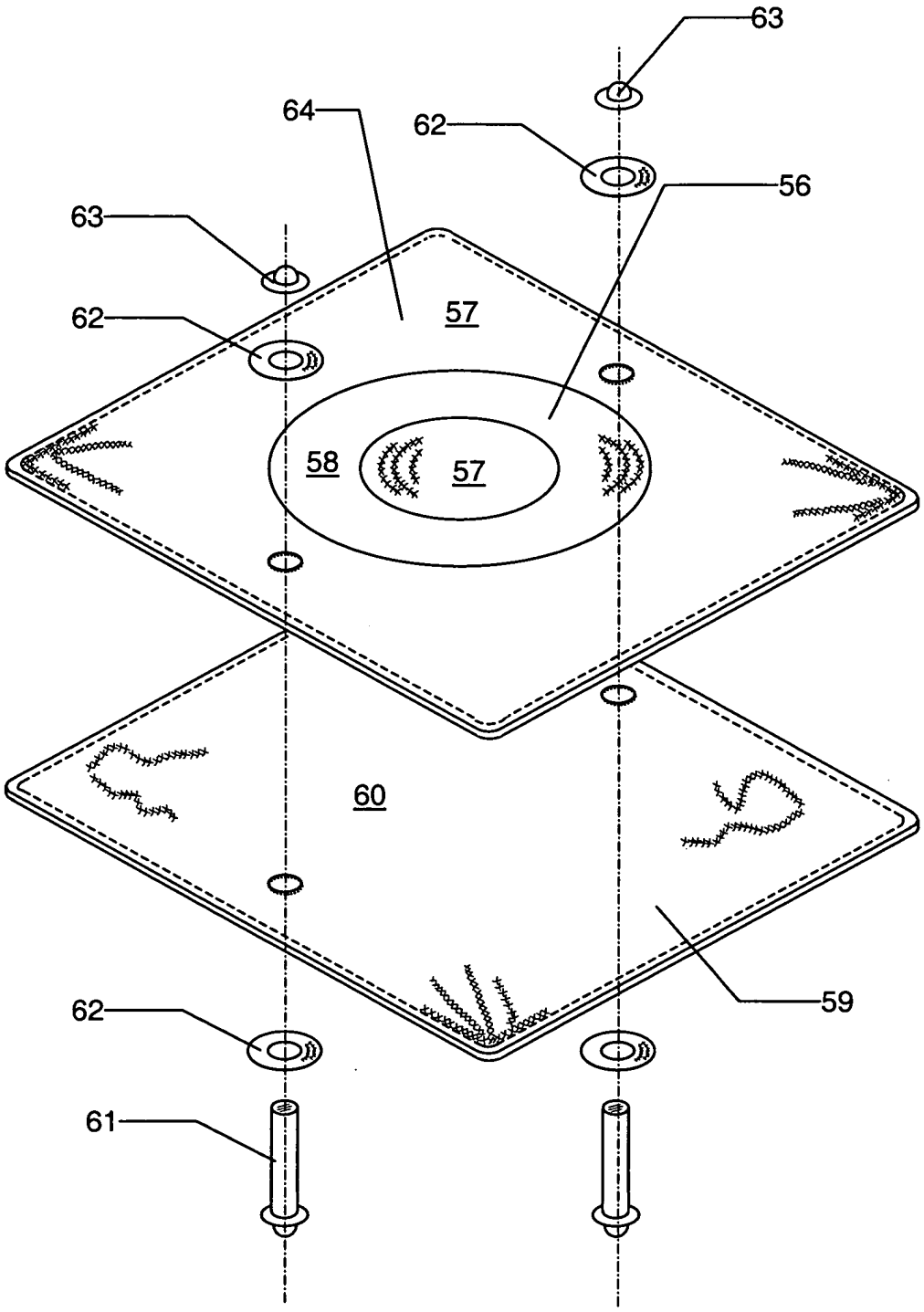

FIG. 18

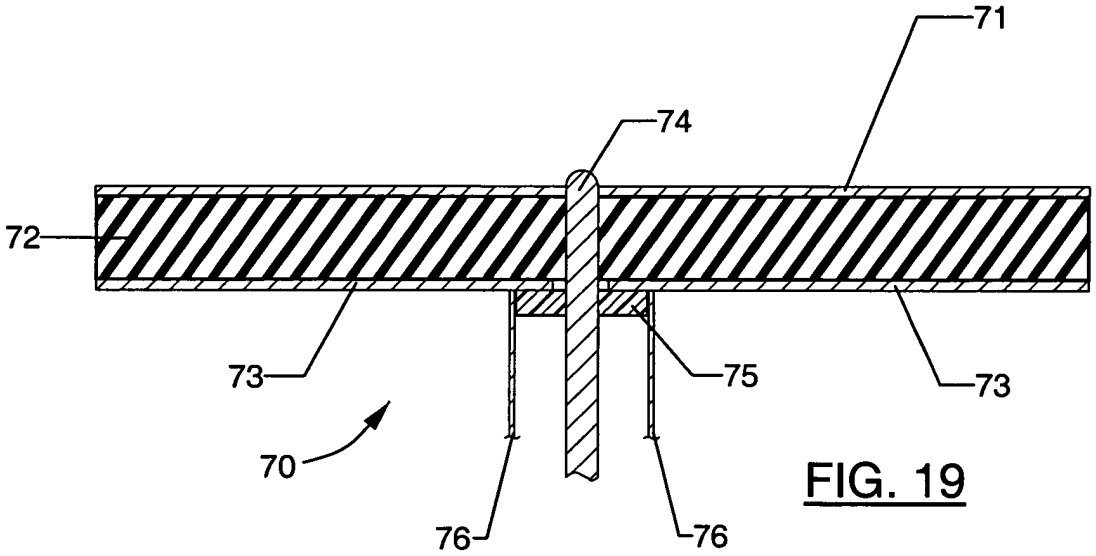

FIG. 19

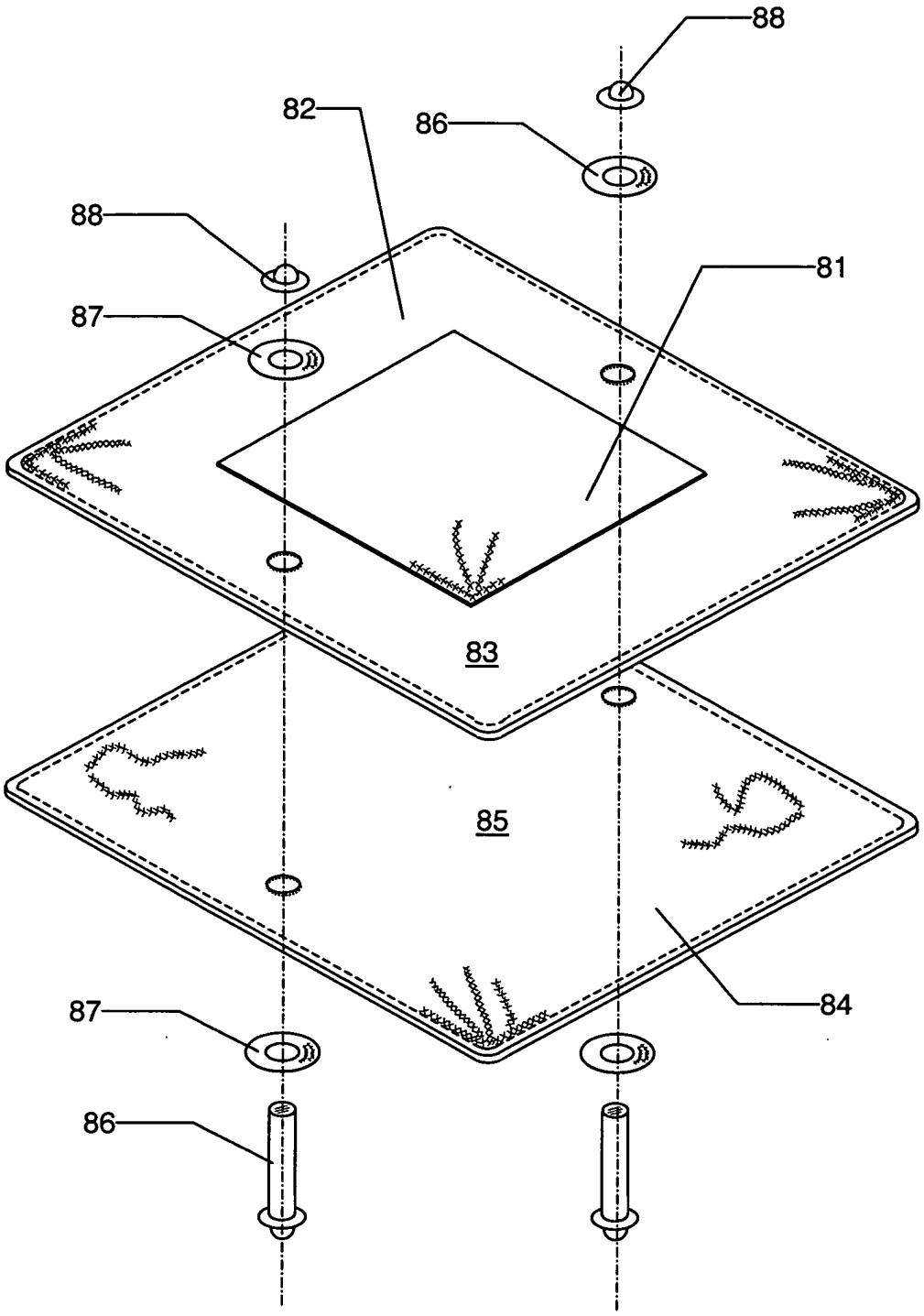

FIG. 20

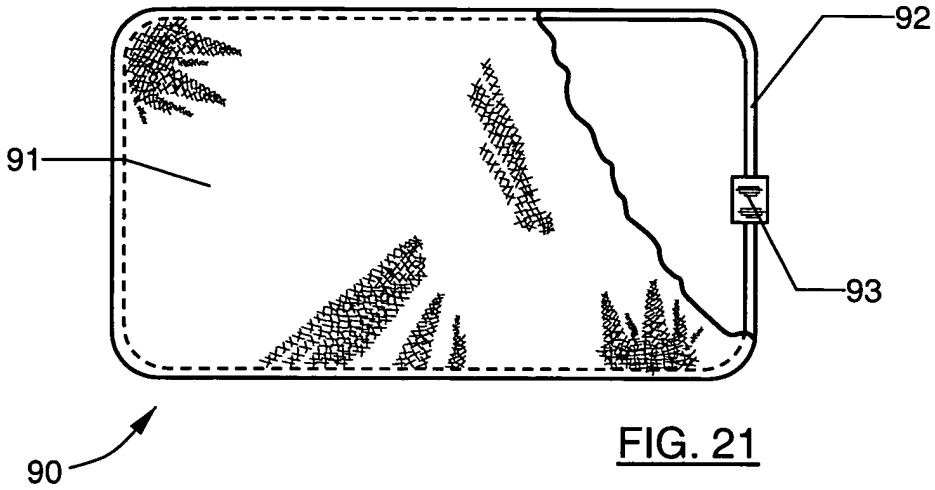

FIG. 21

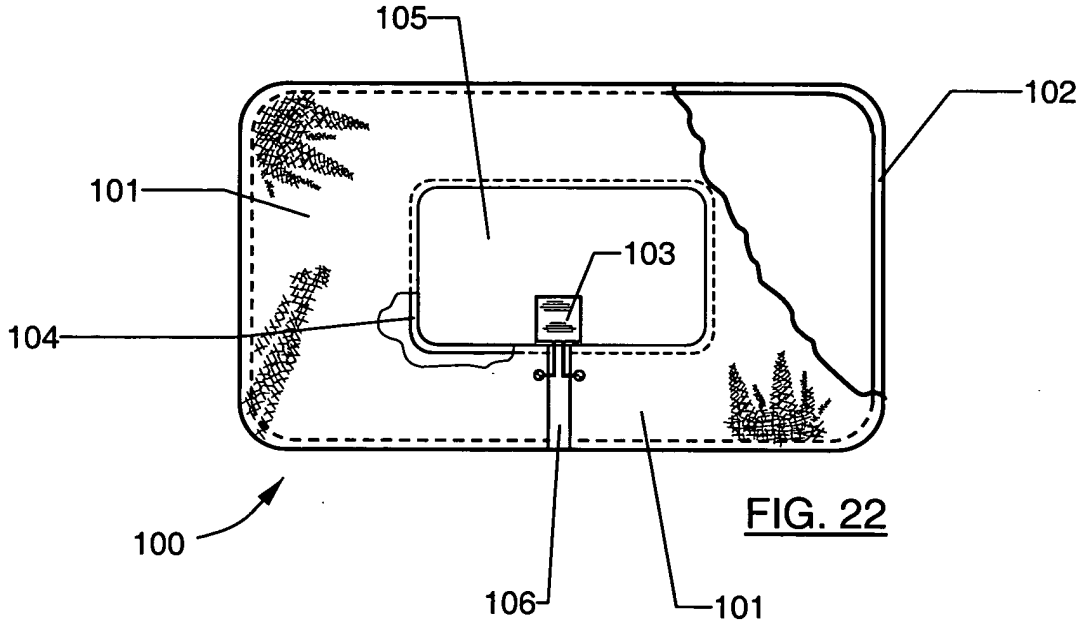

FIG. 22

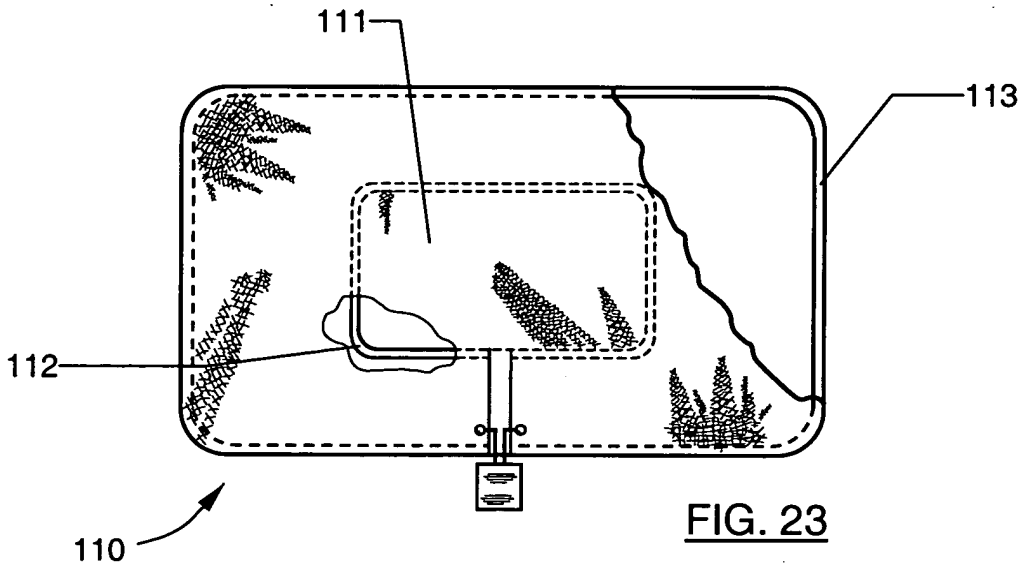

FIG. 23